

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 11 5 DEC 1983

SUBJECT: Transmittal of Inspection Reports

FROM: Robert B. Dona *RBDona*
Chief, Field Investigations Section, EMCM/ENSVTO: Michael J. Sanderson
Chief, AWCM/ARWM

4280 21002

This memorandum transmits the following air compliance inspection reports performed by the Field Investigations Section, Environmental Monitoring and Compliance Branch, Environmental Services Division.

<u>Facility</u>	<u>NEDS Number</u>	<u>Activity Number</u>
GAF Corporation St. Louis, Missouri	4280-070-81008	AV60
Inmont Corporation St. Louis, Missouri	4280-070-81011	AV59

Attachments

RECEIVED
DEC 16 1983
AIR AND WASTE COMPLIANCE
BRANCH

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Superfund

0400

AIR COMPLIANCE INSPECTION REPORT

GAF CORPORATION
9215 Riverview Drive
St. Louis, Missouri

TELEPHONE: 314/867-7800

NEDS NUMBER: 4280-070-81008

INTRODUCTION

The Air and Waste Management Division requested the Environmental Monitoring and Compliance Branch, Field Investigations Section, to conduct an air compliance inspection of GAF Corporation.

An inspection was performed on November 29, 1983, beginning at 11:00 a.m. and concluding at 11:45 a.m.

PARTICIPANTS

U.S. Environmental Protection Agency
Vincent V. Smith, Environmental Engineer, Kansas City, Kansas

St. Louis Division of Air Pollution Control
James Waymire, Inspector

GAF Corporation
James Dell, Chemist

SURVEY PROCEDURE

Upon arriving at the plant guard station at 11:00 a.m., we requested to speak with Mr. Jim Dell. He came to the guard station, where Mr. Waymire introduced me. We presented our credentials and explained the purpose of the inspection. Mr. Dell invited us to the plant where we discussed the inspection and procedure we wished to follow. Mr. Dell conducted a complete tour of the facility. Upon completion of the inspection, we discussed the observations with Mr. Dell.

PROCESS DESCRIPTION

GAF Corporation at their 9215 Riverview location in St. Louis make only one product. This product is rigid insulation in pre-cut sizes for the commercial building industry. The Standard Industrial Classification (SIC) for manufacturers of insulating material is 2661.

FINDINGS/OBSERVATIONS

GAF Corporation no longer uses asbestos at this facility to make insulation products. Currently they produce an insulation product that they call perlite board. This insulation board consists of hardboard, an adhesive and foaming a polyurethane resin according to Mr. Dell. He said they used a freon

"trifluoromethane" (also known as fluoromethane) to make the foam rise. Because the material is a closed cell foam insulation, Mr. Dell said they detected only a very small amount of the gas escaping.

This facility produces about 38,000,000 square feet per year, or about 5,000,000 cubic feet. The business is a seasonal business and is now slowing down for winter. They are only working 4 days per week, and plan to work only three days the next week. Employees currently number about 40 to 50 people.

Mr. Dell said the existing sources and control equipment were the same as for the last inspection, when we showed him the list and asked him about them. Please see attached copy of Scheduled Inspection 8-4-83. Listed there is the following:

<u>Sources</u>	<u>Control Equipment</u>
Perlite Board Transfer Station	Bag Collector
Spraying Polyurethane Foam	None
Foam Curing Oven	None
Sawing Operations	Cyclone and Bag Collector
Cut-Down Saw (warehouse)	Bag Collector

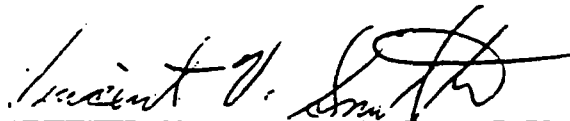
STATE OF COMPLIANCE

There were no visible emissions or odors at the time of inspection.


This inspector has some concern about the material used to foam the insulation. Is it really fluoromethane? If it is, how much of a hazard is it to workers, and is the foam insulation with it a fire or health hazard?

RECOMMENDATIONS

NONE.



Vincent V. Smith
Environmental Engineer
Date: 12/15/83
Activity No.: AV60


Robert B. Dona
Chief, Field Investigations Section
Date: Dec. 15, 1983

Attachments:

- | | |
|---|--------|
| 1. Process Summary Sheet | 1 page |
| 2. Scheduled Inspection | 1 page |
| St. Louis Division of Air Pollution Control | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Process Summary Sheet

Date 12/1/83

I. Source Identification GAF Corporation
9215 Riverview Drive
St. Louis, Missouri

II. Evaluator's Report NEDS # 4280-070-81008
SIC # 2661

Process or Source Identification	Perlite board sawing operation	Perlite board shutdown operation		
Applicable Regulations				
Evaluated for Regulation				
Date	11/29/83	11/29/83		
Time From To	11:15-11:30 a.m.	11:30-11:35 a.m.		
Operating	yes	no		
Control Device Type:	cyclone and bag collector	bag collector		
Make:				
Remarks:				
Process:	insulating board	insulating board		
Materials				
Rate				
Observations:	No emissions at time of inspection			

Name of expert witness who can testify to the above:

SCHEDULED INSPECTION

Name G.A.F. Industries Date 8-4-83 Priority 2
 Address 9215 Riverview Date Last Inspection 8-24-82
 Person to Contact Jim Dell Title CHEMIST
 Person Contacted this Inspection SAME (If different than above)

CHANGES SINCE LAST INSPECTION:

Yes	No
	X

Have any source operations been installed, altered, or abandoned? _____

COMBUSTION EQUIPMENT

Does plant have a boiler larger than 1,000,000 BTU input? _____

Does plant have an incinerator? _____

FUGITIVE DUST

Does plant have any area requiring fugitive dust control? _____
 (If so, attach Fugitive Dust Report to this sheet.)

EXISTING SOURCES INSPECTED:

Remarks Concerning Same

No.	Name	Control Equipment	Yes	No
	<u>WAREHOUSE</u>			
31.	<u>Cut-Down Saw - Bag Collector (NOT VENTED)</u>		X	
	<u>-----</u>			
	<u>-----</u>			
54.	<u>PERLITE BOARD TRANSFER STATION - Bag Collector</u>		X	
51.	<u>SPRAYING POLYURETHANE FOAM -</u>	<u>NONE</u>	X	
52.	<u>FOAM CURING OVEN -</u>	<u>NONE</u>	X	
53.	<u>THREE SAWING OPERATIONS - Cyclone & Bag Collector</u>		X	
<u>NO EMISSION OR ODORS AT TIME OF INSPECTION</u>				

Inspector James C. Waymire